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| Notice of Allowability | Application No. | Applicant(s) | |
| | 09/498,429 | HOLZBACH ET AL. | |
| | Examiner | Art Unit | |
| | King Y. Poon | 2624 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to amendment filed on 8/2/2004.
2. The allowed claim(s) is/are 1-19, 22-31; renumbered as claims 1-29.
3. The drawings filed on 8/2/2004 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

KING Y. POON
PRIMARY EXAMINER



1. The following is an examiner's statement of reasons for allowance:

The present invention is directed to a system and method of producing holographic stereograms on demand by an individual customer, from source material provided by the customer.

Independent claim 1 identifies the uniquely distinct features "an image processing station having an image processor operable to generate hogel data based on image data received from the data acquisition station, and a printing station having a spatial light modulator for receiving the hogel data from the image processor and for displaying holographic object images, and having a printer for producing a master holographic stereogram; wherein the data acquisition station is in data communication with the image processing station and the printing station." The closest prior art Jonny Gustafsson (Internet-based support for the production of holographic stereograms, Practical Holography XII, March, 1998, pp. 169-174) teaches a similar system and method of producing holographic stereograms on demand by an individual customer, from source material provided by the customer; Kihara et al (US 6,236,475) teaches a an image processing station and printing station for creating holographic stereograms. Both references, either singularly or in combination, fail to anticipate or render the above underlined limitations obvious (to be used in combination of other claimed limitations).

Gustafsson does not teach a printing station and an image processing system that is in data communication with the data acquisition station. Kihara teaches an

image acquisition station (14, or 15, fig. 6), an image processing station (data processor 11, column 10, lines 14-32), and a printing station (printer device 13 and control computer 12 column 10, lines 40-45). Kihara also shows that the image acquisition station is in data communication with the image processing station, and the image processing station is in data communication with the printing station; Kihara does not show that the image acquisition station is in data communication with the printing station.

Independent claim 17 has similar claimed limitations of claim 1 and are allowed for the same reason as indicated above.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to King Y. Poon whose telephone number is (703) 305-0892.



KING Y. POON
PRIMARY EXAMINER

1/7/05